

| Available Terminations |               |
|------------------------|---------------|
| -/P*                   | Axial Pin     |
| -/T /PT2*              | Radial Pin    |
| -/PT /TP*              | Polarized Tab |

(\*): Reference to standard terminals for single lithium

### Electrical characteristics

(Typical values for cells stored for one year or less at +25°C)

|   |              |
|---|--------------|
| ■ <b>Nominal Capacity</b> .....   | 3800mAh      |
| Stored for one year or less at 3mA, 25°C, 2.0V cut-off  |              |
| ■ <b>Rated Voltage</b> .....  | 3.6V         |
| ■ <b>Cut-off Voltage</b> .....  | 2.0V         |
| ■ <b>Max. Recommended Continuous Current</b> .....  | 1000mA       |
| Current value is determined to be the level at which the nominal capacity is obtained with an end voltage of 2.0V at 25°C |              |
| ■ <b>Max. Pulse Current</b> .....   | 2000mA       |
| Current value is obtaining 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C          |              |
| ■ <b>Storage (Recommended Max. Temperature)</b> .....   | 30°C         |
| ■ <b>Operating Temperature Range</b> .....  | -55°C~ +85°C |
| ■ <b>Approximate Weight</b> .....   | 35g          |

## ER20505M Specification

Primary Lithium Thionyl Chloride  
3.6V, 3800mAh

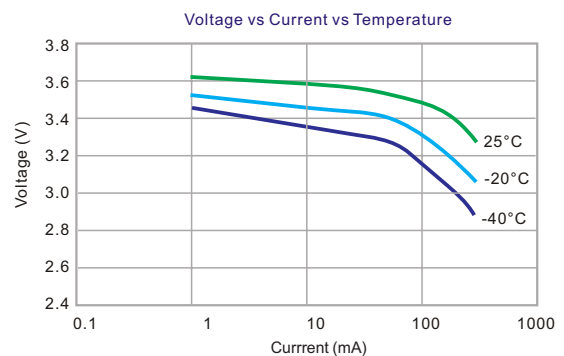
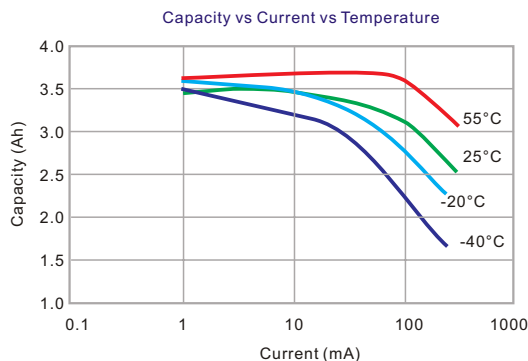
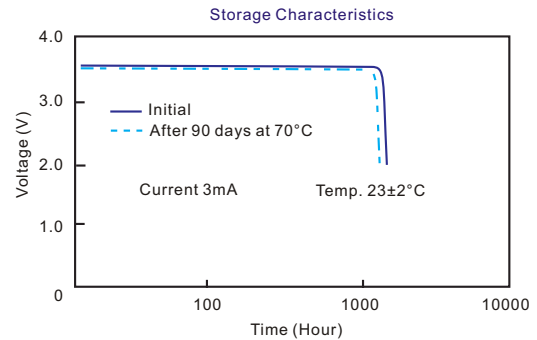
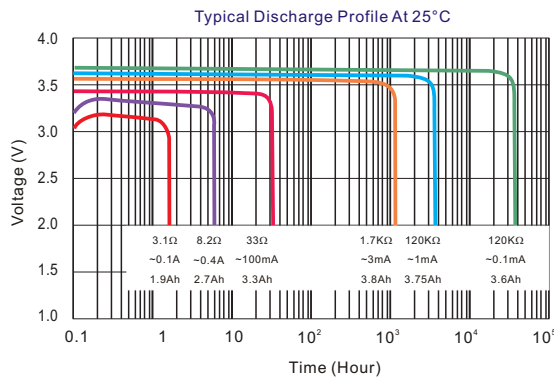
### Key Features

- High and stable operating voltage
- Low self-discharge rate - less than 1% after 1 year of storage at +20°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

UL Component Recognition  
File Number MH45330

### Main Applications

- Alarm and security devices
- Smoke detectors
- Memory back-up
- Alarm equipment
- Industrial electronics
- Medical equipment etc.



**WARNING:** Risk of fire and burn. Do not recharge, disassemble, heat above 100°C or incinerate. Do not mix fresh batteries with used batteries.

\*\*Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as warranties, either expressed or implied, of future performance.